10/539241

290.0004.seq.list.45.txt SEQUENCE LISTING JC17 Rec'd PCT/PTO 16 JUN 2005

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<130> 290-0004-0130
<140> PCT/US03/039950
<141> 2003-12-16
<150> 10/373,612
<151> 2003-02-24
<150> 60/433,697
<151> 2002-12-16
<160> 45
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	290.0004.seq.list.45.txt	
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<222>	modified_base (25)(32) any nucleotide and this region may be 4-8 nucleotides, preferably 4 or 5 nucleotides	
<220> <223>	Description of Artificial Sequence: Synthetic pRNA chimera	
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<210><211><211><212><213>	17	
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290.0004.seq.list.45.txt

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cgacagca
<210> 12
<211> 72
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agcccacacg cc
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290.0004.seq.list.45.txt <400> 13 ucaaugguac gguacuucca uugucaugug uauguugggg auuaaacccu gauugaguuc 60 agcccacaua c <210> 14 <211> 72 <212> RNA, <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic permuted M2/NF pRNA chimera <400> 14 gacaaggugc aacacuuccu auaguauggc acaugauugg gguauauccu gauugaguuc 60 agcccacaug uc <210> 15 <211> 68 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic permuted GA1 pRNA chimera <400> 15 uaaggcauug agguuaaaau auauaggcug ugcaacgggc auccuacugu aaaaaguacc 60 <210> 16 <211> 75 <212> RNA <213> Artificial Sequence <223> Description of Artificial Sequence: Synthetic permuted aptamer pRNA ggaaugguac gguacuucca uugucaugug uaggguuggg aagaaacugu ggcacuucgg 60 ugccagcaac ccuac 75 <210> 17 <211> 188 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic ribozyme pRNA-RzA transcript <400> 17 gcuaguucua gaguugauug guugucaauc auggcaaaag ugcacgcuac uuugcaaaac 60 aaauucuuua cugaugaguc cgugaggacg aaacggguca aaagcaaugg uacgguacuu 120 ccauugucau guguauguug gggauuaaac ccugauugag uucagcccac auacgguacc 180

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290.0004.seq.list.45.txt
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290.0004.seq.list.45.txt ucaaugguac gguacuucca uugucaugug uauguugggg auuaaacccu gauugaguuc 60 agcccacaua cuuuguugau ugguugucaa ucauggcaaa agugcacgcu acuuugauaa 120 <210> 23 <211> 40 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic hammerhead ribozyme <400> 23 caaauucuuu acugaugagu ccgugaggac gaaacggguc 40 <210> 24 <211> 19 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic HBV polyA target <400> 24 gacccguaua aagaauuug 19 <210> 25 <211> 162 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic ribozyme pRNA-RZA <400> 25 guugauuggu ugucaaucau ggcaaaagug cacgcuacuu ugaaaaacaa auucuuuacu 60 gaugaguccg ugaggacgaa acgggucaaa aucaauggua cgguacuucc auugucaugu 120 guauguuggg gauuaaaccc ugauugaguu cagcccacau ac 162 <210> 26 <211> 119 <212> RNA <213> Bacteriophage phi-29 <400> 26 gcaaugguac gguacuucca uugucaugug uauguugggg auuaacgccu gauugaguuc 60 agcccacaua cuuuguugau uguccgucaa ucauggcaaa agugccgcua cuuugcuaa 119 <210> 27 <211> 117 <212> RNA <213> Bacteriophage phi-29 <400> 27

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ucaaugguac gguacuucca uugucaugug uauguugggg auuaaacccu gauugaguuc 60

agcccacaua cuuuguugau ugguugucaa ucauggcaaa agugcacgcu acuuuga

290.0004.seq.list.45.txt

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290.0004.seq.list.45.txt <400> 32 42 uguugcgugg uagcaauacu auauauacuc ucucucguuu ua <210> 33 <211> 43 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic permuted aptamer pRNA <400> 33 guugauuggu ugucaaucau ggcaaaagug cacgcuacuu ucc 43 <210> 34 <211> 71 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic circularly permuted pRNA <400> 34 gcaaugguac gguacuucca uugucaugug uauguugggg auuaaacccu gauugaguuc 60 agcccacaua c <210> 35 <211> 43 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic circularly permuted pRNA guugauuggu ugucaaucau ggcaaaagug cacgcuacuu ugc 43 <210> 36 <21:1> 157 <212> RNA <213> Artificial Sequence <220> <221> modified base <222> (29)..(31) <223> a, c, t, g, unknown or other <220> <221> modified base $\langle 222 \rangle$ (32)..(1 $\overline{3}1$) <223> any nucleotide and this region may be 25-100 nucleotides <220> <221> modified base $\langle 222 \rangle$ (132)..($\overline{1}34$)

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290.0004.seq.list.45.txt
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290.0004.seq.list.45.txt ucaaugguac gguacuucca uugucaugug uauguugggg auuaggaccu gauugaguuc 60 agcccacaua cuuuguugau ugcgugucaa ucauggcaaa agugcacgcu acuuugauaa 120 <210> 41 <211> 120 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic chimeric <400> 41 quuqauugeg ugucaaucau ggeuuuugag aageuucuga ugagucegug aggacgaaau 60 gagucuguuu ugucaugugu auguugggga uuaggaccug auugaguuca gcccacauac 120 <210> 42 <211> 108 <212> RNA <213> Artificial Sequence <223> Description of Artificial Sequence: Synthetic chimeric pRNA <400> 42 guugauuugu cgucaaucau ggccucagag acagagcaga aacgacaguu caagccgaag 60 108 ucauguguau guuggggauu aacgccugau ugaguucagc ccacauac <210> 43 <211> 72 <212> RNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic chimeric pRNA <400> 43 gucaugugua uguuggggau uagacacuga uugaguucag cccacauacg uugauugucc 60 gucaaucaug gc <210> 44 <211> 19 <212> RNA <213> Artificial Sequence <220>. <223> Description of Artificial Sequence: Synthetic chimeric pRNA <400> 44 cagacucauc aagcuucuc 19

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290.0004.seq.list.45.txt

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